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Marcy firm awarded contract under SBIR program

by Fran Crumb, Information Directorate

ROME, N.Y. — The Air Force Research Laboratory has awarded a \$745,074 contract to Stiefvater Consultants of Marcy. The two-year agreement, “Multi-Mission Waveform Design,” was awarded under the federal Small Business Innovative Research (SBIR) program.

“We will be looking for the ability to perform multiple missions simultaneously from a single aircraft,” said Paul Antonik, program manager in the AFRL’s Sensors Directorate at Rome. “Different missions can be conflicting. An imaging mission may be incompatible with normal requirements for an air moving target mission.”

“The study by Stiefvater Consultants will also have applications for other government agencies and commercial firms,” said Antonik. The Federal Aviation Administration (FAA) might

want to simultaneously look for approaching aircraft, as well as gauge bird hazards and weather around an airport.”

“While our specific application is radar, the technology for using diverse waveforms simultaneously can also be applied towards communications — an area with unlimited potential in this era of information and telecommunications,” Antonik said.

The Department of Defense SBIR program fosters participation by small firms in high-technology research and development to address military needs. Firms with 500 or fewer employees, owned and operated for profit in the United States, are eligible to participate. A system of competitive awards enables small businesses to develop innovative solutions to a wide variety of defense requirements. @